

FISH & RICHARDSON P.C.

12390 EL CAMINO REAL
San Diego, California
92130

Telephone
858 678-5070

Facsimile
858 678-5099

Web Site
www.fr.com

17858 U.S. PTO
10/693566
102303

October 23, 2003

Docket No.: MP0337

Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450



BOSTON

DALLAS

DELAWARE

NEW YORK

SAN DIEGO

SILICON VALLEY

TWIN CITIES

WASHINGTON, DC

Presented for filing is a new patent application claiming priority from a provisional patent application of:

Applicant: RAVI NARASIMHAN

Title: A MIMO-OFDM PREAMBLE FOR CHANNEL ESTIMATION

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

	<u>Pages</u>
Specification	13
Claims	25
Abstract	1
Declaration	2
Drawing(s)	4

Enclosures:

- Assignment cover sheet and an assignment, 2 pages, and a separate \$40 fee with Submission of Credit Card Payment.
- Assignment cover sheet and an assignment, 1 page, and a separate \$40 fee with Submission of Credit Card Payment.
- New disclosure information, including:
 - Information disclosure statement, 2 pages.
 - PTO-1449, 1 page.
 - References, 7 items.
- Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i).
- Postcards (6).

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EV 348 189 564 US

October 23, 2003
Date of Deposit

FISH & RICHARDSON P.C.

Commissioner for Patents
October 23, 2003
Page 2

Under 35 USC §119(e)(1), this application claims the benefit of prior U.S. provisional application 60/470,832, filed May 14, 2003.

Total Claims 82; Independent Claims 11.

Basic filing fee	\$770
Total claims in excess of 20 times \$18	\$1116
Independent claims in excess of 3 times \$86	\$688
Fee for multiple dependent claims	\$0
Total filing fee:	\$2574

A Submission of Credit Card Payment for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number 13361-055001.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 678-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please direct all correspondence to the following:

23624

PTO Customer Number

Respectfully submitted,



Scott C. Harris
Reg. No. 32,030

/BY
KENYON JENCKES
REG. NO. 41,873

Enclosures
SCH/KSJ/smr

10340502.doc

**REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Ravi Narasimhan	
Title	A MIMO-OFDM Preamble for Channel Estimation	
Docket Number	MP0337	

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

October 23, 2003

Date


Signature

/BY
KENYON JENCKES
REG. NO. 41,873

Scott C. Harris, Reg. No. 32,030

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**